

"Method of cleaning a substrate"

**Filed by: SAINT-GOBAIN GLASS FRANCE SA**

Inventors: Nicolas Naudaud  
Eric Mattmann  
Jean-Paul Rousseau

**Abstract**

Method for the continuous vacuum cleaning of a substrate, characterized in that:

- a species is chosen that has a low sputtering efficiency and is chemically active with regard to the soiling matter;

- using at least one linear ion source, a plasma is generated from a gas mixture comprising predominantly the species having a low sputtering efficiency, especially one based on oxygen; and

- at least one surface portion of said substrate is subjected to said plasma so that said ionized species at least partly eliminates, by chemical reaction, the soiling matter possibly adsorbed or located on said surface portion.